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## PATENT ABSTRACTS OF JAPAN

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(30) Priority:	(71) Applicant: <b>MATSUSHITA ELECTRIC LTD</b>
(43) Date of application publication: <b>11.10.90</b>	(72) Inventor: <b>MURATA ATSUSHI HARUHARA MASAOKI KIMOTO TAKAYUKI</b>
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(54) **FORMING OF LENS**



(57) Abstract:

**PURPOSE:** To form a lens having excellent shape accuracy and surface accuracy by temporarily reducing or eliminating the forming pressure after the completion of hot-pressing in the press-forming of a lens with a forming mold consisting of an upper mold and lower mold and again pressing the formed lens under cooling.

**CONSTITUTION:** A lens raw material 13 is compression molded in a space between an upper mold 11 and a lower mold 12 of a forming mold. In the above process, the forming pressure is temporarily reduced or eliminated after the completion of the hot-pressing and the formed lens is pressed under cooling. The lens raw material 13 is preferably a columnar material and the linear expansion coefficient of the material is preferably  $\geq 50 \times 10^{-7}/^{\circ}\text{C}$  between  $100^{\circ}\text{C}$  and

300°C.

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